

ABSTRACT OF THE DISCLOSURE

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A film for optical applications comprising (A) a hard coat layer which comprises a resin cured by an ionizing radiation, (B) a high refractivity layer I which comprises a resin cured by an ionizing radiation and a metal oxide and has a refractive index in a range of 1.70 to 1.95, (C) a high refractivity layer II which comprises a resin cured by an ionizing radiation and a metal oxide and has a refractive index in a range of 1.60 to 1.70 and (D) a low refractivity layer which comprises a siloxane-based polymer and has a refractive index in a range of 1.37 to 1.47, layers (A) to (D) having specific thicknesses and being successively laminated at least on one face of a substrate film.

The film exhibits an excellent property for preventing reflection of light and excellent scratch resistance and can be produced at a low cost.